KING COUNTY
SENIOR TOOLS ENGINEER
(SENIOR SYSTEMS ENGINEER)
DEPARTMENT OF EXECUTIVE SERVICES
INFORMATION AND TELECOMMUNICATIONS SERVICES DIVISION
Annual Salary: $69,575 - $88,190
Job Announcement: 06CY6087
OPEN: 5/17/06   CLOSE: Open Until Filled

WHO MAY APPLY: This recruitment is open to the general public. This recruitment process will be used to fill three Term-limited Temporary positions. These positions are expected to end by 12/31/06, but may be extended further depending on the project status. These positions are benefited to include medical, dental, and vision (etc.).

WHERE TO APPLY: Required application materials can be mailed or faxed to: **Christine Ynzunza, 700 Fifth Avenue, Suite 2300, Seattle, WA 98104, Fax 206-263-4834.** Email applications are encouraged at HRITS@metrokc.gov . All application materials must be included. Applications materials must be received by 4:30 p.m. on the closing date. Postmarks are not accepted. PLEASE NOTE: Applications not received at the location specified above and those that are not complete may not be processed.

*FORMS AND MATERIALS REQUIRED***:**
- A King County application form. Application forms may be found at http://www.metrokc.gov/ohrm/jobs/JobApplications.htm
- Resume (WORD format only).
- Letter of interest detailing your background and describing how you meet or exceed the requirements

WORK LOCATION: 700 Fifth Avenue, Seattle Municipal Tower (formerly Key Tower), Downtown Seattle, WA.

WORK SCHEDULE: This position is exempt from the provisions of the Fair Labor Standards Act, and is not overtime eligible. The workweek is normally Monday through Friday 8:00 a.m. to 5:00 p.m. This position will participate in a 24x7 on-call rotation.

POSITION PURPOSE: These positions will install and configure software applications tools used to manage security and network infrastructure on the county enterprise network and will also design and develop processes for daily use and administration of the tools. This work is part of an effort to improve security of county resources and to achieve the goal of improved operational efficiency in the way in which network services are delivered.

PRIMARY JOB DUTIES INCLUDE:
- Install, configure, test, maintain and document production network and security management application software.

- Develop and document processes and procedures for use and administration of management tools in a production environment.
- Provide recommendations for adapting the applications for use by other county agencies.
- Manage business and cross-discipline relationships with ITS staff or vendors providing hardware and operating system support services.
- Provide customer-focused troubleshooting and escalation of problems to key ITS staff, as needed.
- Develop testing scenarios for applications.
- Coordinate change management with ITS and affected agencies where testing will impact the shared enterprise infrastructure.
- Work with client county agencies to develop the tools to meet contractual or SLA obligations.
- Create and implement backup and restore procedures for product/application to meet internal standards
- Provide training to other King County team members on application and products.
- Document policies, changes, processes, and standards covering shared enterprise production environments, disaster recovery, turnover, and operational procedures.
- Providing regular status reporting to various processing center management and technical personnel on the metrics gathered from this system once implemented.
- Participate in on-call coverage during deployment of applications.
- Other duties as assigned.

QUALIFICATIONS:
- Demonstrated experience in designing, building, testing and supporting integrated enterprise monitoring solutions.
- The demonstrated ability to install and configure management and monitoring tools for systems within a large enterprise.
- Demonstrated experience with MS Windows, HP-UX, Solaris or other UNIX-based operating system for installation of management applications.
- The integration of various monitoring technologies into a proactive monitoring 'framework' such as HPOV, Cisco Works
- Demonstrated knowledge of network protocols and routing of traffic on a large network, SNMP, solid understanding of networks systems, applications, and databases.
- Enterprise client/server implementation and support experience.
- Understanding of fault management and trouble management.
- Ability to work with various other team members and provide the overall planning and technical guidance for the implementation and on-going management of these products
- Knowledge of system and network security issues in a Windows 2003 infrastructure environment.
- Extensive experience in design, build, test and support of integrated enterprise monitoring solutions
- Demonstrated ability to work effectively in a team environment.
- Excellent communication skills that includes listening, verbal and written skills. Communication skills must include the ability to communicate with clients and develop appropriate documentation.
- The demonstrated ability to deliver complex technical projects within a tight schedule. Must be able to prioritize and organize workload with limited supervision.
- The ability to manage time and work effectively on multiple projects.

DESIRABLE QUALIFICATIONS:
- Direct experience with one or more of the following products:
    - HP Openview – Network Node Manager, HP Customer View, HP Extended Topology
    - Cisco Works, Wireless LAN Solution Engine (WLSE), Cisco VPN Concentrator, Cisco ACS
    - McAfee Entercept or other host intrusion detection software
    - Tipping Point or other similar network intrusion detection software
    - E-Health, MRTG
    - Tripwire
    - Strong knowledge of Perl scripting, shell scripting
- Experience with server consolidation techniques

NECESSARY SPECIAL QUALIFICATIONS: Finalists selected for these positions may be required to pass a background investigation.

SELECTION PROCESS: Applications will be screened for qualifications, clarity, and completeness. Applicants who are competitive may be invited to participate in an interview.

UNION REPRESENTATION: This position is represented by the International Federation of Professional and Technical Engineers Local 17 Information Technology bargaining unit.

CLASS CODE: 732802